

10-W25

	Date Dredged	Placed	SI 0:1	Gr/ Prod	Eng. Effect	Cond.	Adm guide
4-3	Pm	Rwd					
4-30	"	"					
5-1	"	"					
5-2	"	"					
5-3	"	"					
5-W21	3/16/64				Act.	CTS	Y
9-15	Pm	Rwd					
9-16	"	"					
9-W28	"	"					
10-5	"	"					
10-6	"	"	(10-W21)				
10-W9	3/6/25				SI	CTS	Y
10-10	Pm	Rwd	(10-W21)				
10-11	Pm	"					
10-13	"	"					
10-14	"	"					
10-15	"	"					
10-17	"	"					
10-19	"	"	(10-W21)				
10-W21	"	"					
10-W26	"	"					
10-W27	4/7/64				Act	CTS	Y

056273, 032

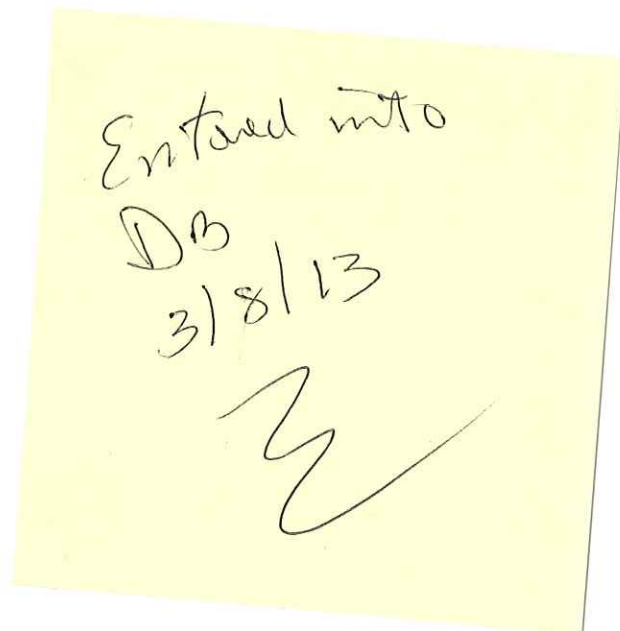
080713



Feb 25, 2013

Mr. Arnold Bierschenk  
US Environmental Protection Agency  
Region 6 Office  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Re: Requesting Final Authorization to inject CO<sub>2</sub>  
CO<sub>2</sub> Area I NBU  
Lease Name: North Burbank Unit Tract 10  
Well No: W25  
Location: NE/4 Sec 11-T27N-R05E  
Osage County, Oklahoma



Dear Mr. Bierschenk:

Chaparral Energy, L.L.C. plans to start injecting CO<sub>2</sub> into the **NBU #10-W25** in April 2013. CELLC is requesting a final authorization (written authorization) to inject CO<sub>2</sub> into this wellbore in a timely manner.

To comply with conditions Parts I.C.2. through I.C.6 of the CO<sub>2</sub> Area Permit. Chaparral is submitting data (Form 139) on this injection well located within the referenced area. We have completed the corrective actions in all existing (non-plugged) injection and producing wells within the area to guarantee that water and the future CO<sub>2</sub> remain within the Burbank Sand reservoir.

To comply with conditions Parts I.A.4. & I.B.3. CELLC enclosed the cementing records on this injection well in addition to the workover report (Form 139) in which it is typically reported the use a volume of cement sufficient to achieve at least 1000' of coverage above the producing zone and the cement placed behind the outermost casing at least 50' below the USDW to surface.

Chaparral Energy has drilled and completed a network of monitor wells on the CO<sub>2</sub> Area I. CELLC has already submitted to the EPA a wellbore diagram with supporting cement bond log(s) and completion report showing construction details of each monitor well required under Part I.D.3 of the Area Permit and also the Groundwater Sampling Report which include the first sampling results from all monitoring wells in the intersection of all quarter sections in Area I to establish baseline groundwater quality for those monitoring wells.

[Recipient's Name]

[Date]

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Your prompt attention to this request is appreciated. If you have any questions, or need more data contact us at the address listed.

Sincerely,  
**Chaparral Energy, L.L.C.**



Erwin Pino  
Regulatory Engineer  
Direct Number: (405) 426-4081  
Direct Fax: (405) 425-8681  
E-Mail: [erwin.pino@chaparralenergy.com](mailto:erwin.pino@chaparralenergy.com)

Enclosures: Wellbore Diagram, Form 139 and Cement Tickets.

OS 6277.032

## CHAPARRAL ENERGY SHIDLER DISTRICT

### WELL COMPLETION SKETCHES

N.B.U. 10-W25

NORTH BURBANK UNIT

01/22/2013.

WELL

FIELD

DATE

E.P.A.# OS 0176

■ PRESENT COMPLETION

\_\_\_ SUGGESTED COMPLETION

PERMANENT WELL BORE

KB:1150'

GL:1142'

ALL MEASUREMENTS K.B.

LEGAL: 420' FNL, 550' FWL NE/4

Sec 11-27N-5E, Osage Co, Ok.

*surf. case*  
8-5/8" 32# SET @ 113'  
CMTD W/80 SX REG CMT  
TO SURFACE

*long case*  
4-1/2" 9.5# SET @ 3015'  
CMTS W/75SX CLASS A  
W/30% DD & 2% CC

TOC @ 1900'

3/16/2007, run 3 1/2" 9# casing  
to 2,982' & cement W/ 150 sks  
reg cement, 2% gel, run 300' 2 1/16"  
between 4 1/2" & 8 5/8" & cement W/  
119 sks reg cement to surface.

3/23/2007, Run 92 jts 2 1/16" Ceramic  
lined tubing W 3 1/2" Arrow packer &  
set @ 2,957'

ZONE:

BURBANK FORMATION

3005'--3054'

SAND:

COMPLETED DRILLED HOLE

\_\_\_ ORIGINAL COMPLETION

DATA ON THIS COMPLETION

D&C 5/21/64

IP: 328 bwpd on vac

INITIAL TRTMNT: 125 gals

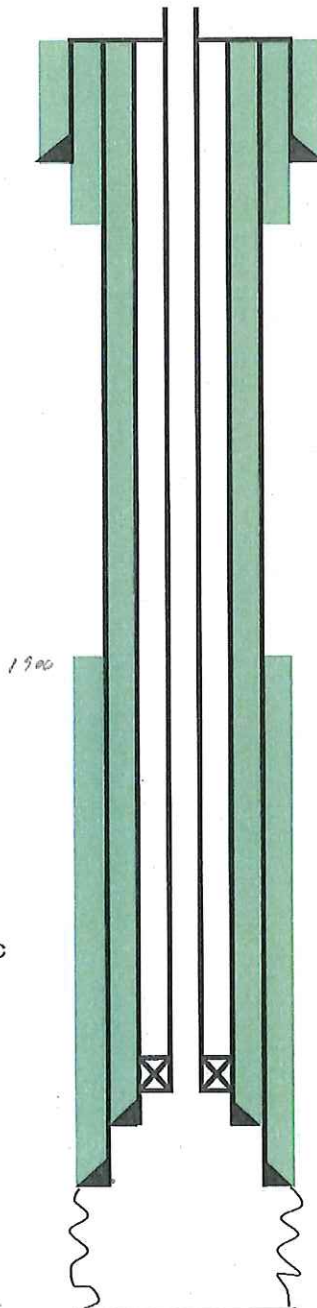
Mud Acid

STARTED INJECTION 6/11/64

271BPD DOWN CSG. WELL

WAS INJECTED DOWN CSG

UNTIL 1967.



T.D.3054'